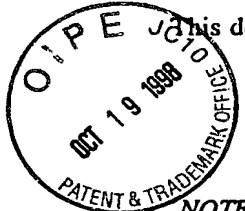


**COMBINED DECLARATION AND POWER OF ATTORNEY**

*(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION OR CIP)*

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type: *(check one applicable item below)*

- original       substitute  
 design  
 supplemental

*NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next item; check appropriate one of last three items.*

- national stage of PCT

*NOTE: If one of the following 3 items apply then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.*

- divisional  
 continuation  
 continuation-in-part (CIP)

**INVENTORSHIP IDENTIFICATION****WARNING:**

*If the inventors are each not the inventors of all the claims an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.*

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor *(if only one name is listed below)* or an original, first and joint inventor *(if plural names are listed below)* of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION****BIOLOGICAL DE-INKING METHOD****SPECIFICATION IDENTIFICATION**

the specification of which: *(complete (a), (b) or (c))*

- (a)  is attached hereto.  
 (b)  was filed on May 6, 1994 as (x) Serial No. 08/239,313 or (X) Express Mail No. \_\_\_\_\_, as Serial No. not yet known and was amended on \_\_\_\_\_ *(if applicable).*

*NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. §1.67.*

*(Declaration and Power of Attorney [1-1] - page 1 of 4)*

RECEIVED

(c)  was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

In compliance with this duty there is attached an information disclosure statement, 37 CFR §1.97.

#### PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d)  no such applications have been filed.

(e)  such applications have been filed as follows.

*NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.*

#### EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
Korea	6514/1989	16 May 1989	YES

#### ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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## POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Margaret E. Anderson, Reg. No. 26,828; Walter R. Brookhart, Reg. No. 29,518; C. James Bushman, Reg. No. 24,810; Loren G. Helmreich, Reg. No. 29,389; and William E. Johnson, Jr., Reg. No. 22,719;

( ) Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

---

### SEND CORRESPONDENCE TO

### DIRECT TELEPHONE CALLS TO: (Name and telephone number)

Walter R. Brookhart  
Browning Bushman, Anderson & Brookhart  
5718 Westheimer, Suite 1800  
Houston, TX 77057

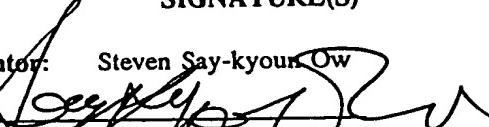
Walter R. Brookhart  
(713) 266-5593

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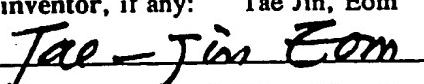
## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### SIGNATURE(S)

Full name of sole or first inventor: Steven Say-kyoun Ow  
Inventor's signature:   
Date: July 23, 1995 Country of Citizenship: U.S.A.  
Post office/Address: 103-902 Clover Apartment  
Doonsan-Dong, Seo-Ku  
Taejeon, Korea

Full name of second joint inventor, if any: Tae Jin, Eom

Inventor's signature:   
Date: Aug. 1, 1995 Country of Citizenship: Republic of Korea  
Post office Address:

**CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION**

- Signature for third and subsequent joint inventors. Number of pages added \_\_\_\_.
- Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_.
- Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR §1.47. Number of pages added \_\_\_\_\_.

\* \* \*

- Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
- Number of pages added 2.

\* \* \*

- Authorization of attorney(s) to accept and follow instructions from representative.

\* \* \*

If no further pages form a part of this Declaration then end this Declaration with this page and check the following item.

- This declaration ends with this page

ASSIGNMENT

WHEREAS, we, Tae Jin EOM, citizen of the Republic of Korea and residing in the city of Daejonjikhalsi, Republic of Korea, and Steven Say-kyoun OW, citizen of the United States of America and residing in the State of Georgia, United States of America, have made an invention which is described and claimed in United States Patent Application No. 08/239,313 filed on May 6, 1994 (the '313 application), which is a continuation-in-part of our earlier United States Patent Application No. 07/518,935 filed on May 4, 1990 (the '935 application), both of which are entitled BIOLOGICAL DE-INKING METHOD;

WHEREAS, Korea Research Institute of Chemical Technology, hereinafter referred to as "ASSIGNEE", having a principal place of business at #100, Jang-dong, Usung-ku, Daejonjikhalsi, Republic of Korea, acquired the entire right, title and interest in the invention and the '935 application and all divisions, continuations, continuations-in-part and substitutions thereof, by virtue of an assignment dated April 19, 1990, and recorded in the United States Patent and Trademark Office on May 4, 1990, at reel 5309, frames 647-648;

WHEREAS ASSIGNEE is desirous of acquiring the same with respect to the '313 application and the invention described and claimed therein;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and world-wide rights therein, (b) the '313 application, including all divisions, continuations, continuations-in-part and substitutions thereof, and (c) all United States and foreign patents which shall issue on said inventions, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment and sale not been made.

We covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent based on said application and all said divisions, continuations, continuations-in-part, reissues, renewals and extension to said ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, we have duly executed this assignment on the dates opposite our signatures below.

Date: Aug. 1. 1995

Tae - Jin Eom  
Tae Jin EOM

Date: July 23. 1995

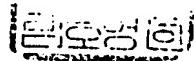
Steven Say-kyoun OW  
Steven Say-kyoun OW

Tae-Gu  
Korea

§  
§  
§

BEFORE me, the undersigned authority, on this day personally appeared Tae Jin EOM, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 1st day of Aug, A.D. 1995.



SEAL

590601 - 1674014

Kim, Ho-yong  
Notary Public in and for

Gwinnett County  
Georgia, USA

§  
§  
§

BEFORE me, the undersigned authority, on this day personally appeared Steven Say-kyoun OW, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 25<sup>th</sup> day of July, A.D. 1995.

SEAL

Beverly Bestmann  
Notary Public in and for  
Gwinnett County, GA.

Notary Public, Gwinnett County, Georgia  
My Commission Expires May 7, 1998